



Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				ATTY DOCKET NO. 0717-0465P		APPLICATION NO. 09/846,297		
				APPLICANT KUMATA, et al.				
				FILING DATE May 2, 2001		GROUP 2675		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
CMN	US 5,359,363	A	1994-10-25	KUBAN, et al.				
	US 5,396,583	A	1995-03-07	CHEN, et al.				
	US							
	US							
	US							
RECEIVED MAY 07 2003 Technology Center 2600								
FOREIGN PATENT DOCUMENTS								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
JP	06-295333	A	1994-10-21	JAPAN			X*	
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)								
CMN	YAMAZAWA, et al. "HyperOmni Vision: Visual Navigation with an Omnidirectional Image Sensor" Systems & Computers in Japan, Scripta Technica Journals. New York, US, vol. 28, no 4, April 1, 1997, pages 36-47, XP000699982.							
↓	BAKER, et al. "A Theroy of Catadiopric Image Formation" 6 th International Conference on Computer Vision. ICCV '98. Bombay, January 4-7, 1998, IEEE International Conference on Computer Vision, New York,: IEEE, US, 1998, pages 35-42, XP000908968 ISBN: 0-7803-5098-7							
↓	YAMAZAWA, et al. "Omnidirectional Imaging with Hyperboloidal Projection" Intelligent Robots and Systems '93, IROS '93. Proceedings of the 1993 IEIEE/RSJ International Conference on Yokohama, Japan 26-30 July 1993, New York, USA, IEEE, US, pages 1029-1034, XP010219360 ISBN: 0-7803-0823-9							
EXAMINER	CHANH NGUTEN			DATE CONSIDERED 01/24/04				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



Form PTO-144

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.
0717-0465PAPPLICATION NO.
09/846,297APPLICANT
KUMATA, Kiyoshi et al.FILING DATE
May 2, 2001GROUP
2675**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CMV	US 5,760,826	A	1998-06-02	Nayar			
CMV	US 5,790,181	A	1998-08-04	Chahl et al.			
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

RECEIVED

NOV 20 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
CMV	JP	09-505447 ✓	A	1997-05-27	JAPAN				
	JP	05-115001	A	1993-05-07	JAPAN				
	JP	11-331654	A	1999-11-30	JAPAN				
	KR	2000-10900 ✓	A	2000-02-25	KOREA				
	KR	2000-17552 ✓	A	2000-03-25	KOREA			X*	
	EP	0 982 946 ✓	A1	2000-03-01	WIPO			X*	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

CHANH NGUTEN

DATE CONSIDERED

01/24/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

X* = Abstract Only

CG/RWD/mzk